

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INDICATE STAY CLEAR AREAS ON BOTH SIDES	4/22/2013	WS & DL
B	INDICATE REGION WHERE BONDING WILL BE	6/10/2013	WS
C	ADDED BIAS CONNECTORS	7/9/2012	WS & DL
D	NUMBER OF PADS IS 168 NOT 169	10/22/2013	WS

ITEM NO.	PART NUMBER	SHEET #	QTY.
1	hexagonal-xx3-degree-wire-board-mini	20	1
2	TSS-136-05-F-D-02 - SAMTEC		3
3	IPBT-102-H1-T-S-RA SAMTEC		2

D

D

C

C

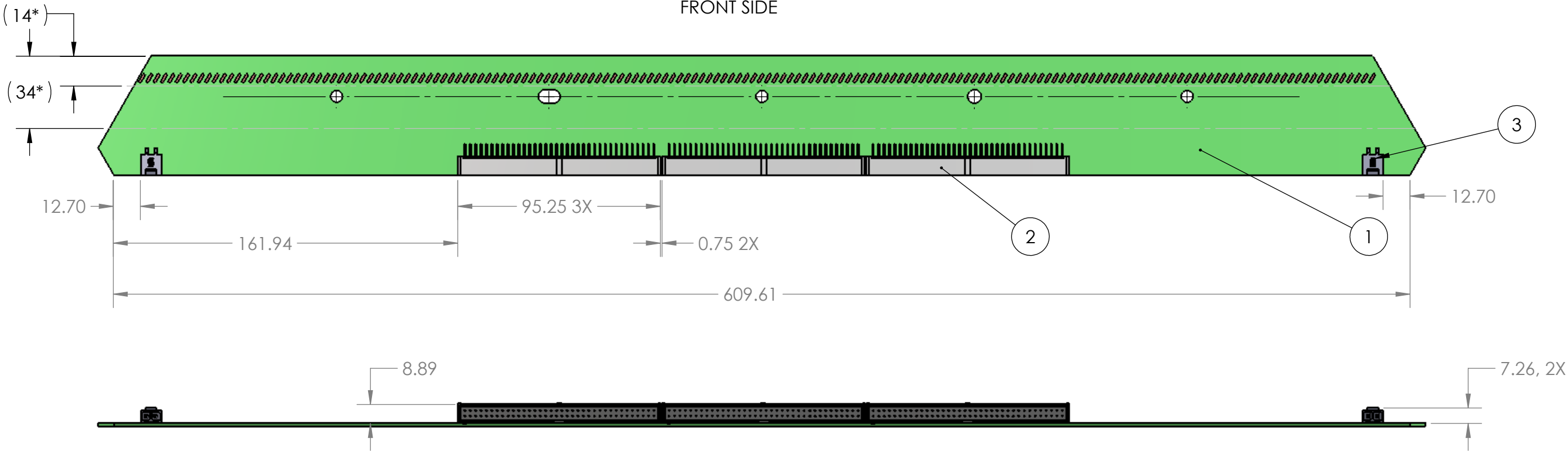
B

B

A

A


FRONT SIDE



EACH OF THE THREE SAMTEC CONNECTORS ON THIS BOARD HAS 72 PINS, THE TOTAL NUMBER OF WIRES TO BE READOUT IS 168, LEAVING 20 AVAILABLE PINS.

ALL DIMENSION IN MILLIMETERS

\*NOTE: THE REGION BETWEEN 14.0 AND 34.0 mm, FROM THE SHORT INNER EDGE, IS THE REGION ON THE BACK SIDE WHERE THE FR-4 CORNER BACKING PIECES ARE LAMINATED. THIS SAME REGION ON THE FRONT SIDE IS A REGION THAT SHOULD NOT HAVE ANY SUFACE MOUNT COMPONENTS ATTACHED - SINCE IT MATCHES WITH THE NEXT LAYER- WIRE PLANE.

<div><div>P-25</div><div>SUBATOMIC PHYSICS</div><div><div>Los Alamos NATIONAL LABORATORY</div><div>EST. 1943</div></div><div>LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NM. 87545</div></div>	DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.003		NAME		DATE		hexagonal-xx1-w-connectors-mini			
			DRAWN		WALT				4/14/13	
			CHECKED							
			ENG APPR.							
			MFG APPR.							
	MATERIAL				Q.A.				Updated connector positions	
	MIXED									
	FINISH									
	QUANTITY REQUIRED									
	1									